## **EAST Search History**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1876	(604/110).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/22 07:26
L3	134	needle and mount and sleeve and ampoule	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/22 07:28
L4	351	sleeve and projections and ampoule	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/22 07:28
L5	430	sleeve and resistance and ampoule	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/22 07:28
L6	1286	needle guide and lock\$3 and spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/22 07:29
L7	2	3 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/22 07:29
L8	152	4 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/22 07:29
L9	3	4 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/22 07:29
L10	3732	((604/139) or (604/110) or (604/192) or (604/157) or (604/156) or (604/155) or (604/136)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/22 07:31
L11	15	L10 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/22 07:31

L12	28	10 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON.	2009/06/22 07:31
L13	25	10 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/22 07:31
L14	58	10 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/22 07:31
L15	2	10 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/22 07:31
L16	9	10 and 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/22 07:31
L17	2	10 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/22 07:31
L18	129	O-ring seal and ampoule	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/22 07:32
L19	2	L18 and 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/22 07:32
L20	308	"604/122".COLS.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/22 07:32
L21	2	L20 and 10	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/22 07:32
S1	35	"5273544"	US-PGPUB; USPAT	ADJ	ON	2008/11/20 14:44
S2	2	(("5273544") or ("5378240")).PN.	US-PGPUB; USPAT	OR	OFF	2008/11/20 14:45
S3	1	"10570124"	US-PGPUB; USPAT	ADJ	ON	2008/11/20 17:36
S4	8	((EWALD) near2 (PICKHARD)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/20 18:00
S5	300	"604/122".CCLS.	US-PGPUB; USPAT: USOCR	ADJ	ON	2008/11/20 18:00

S6	1	seals and o rings and gas-permeable sealing foil and labyrinth seal	US-PGPUB; USPAT	ADJ	ON	2008/11/21 09:08
S7	0	gas-permeabe sealing foil	US-PGPUB; USPAT	ADJ	ON	2008/11/21 09:08
S8	1	gas-permeable sealing foil	US-PGPUB; USPAT	ADJ	ON	2008/11/21 09:08
S9	123	O-ring seal and ampoule	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/21 09:13
S11	11	O-ring seal same ampoule	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/21 09:16
S12	52	O-ring seal and ampoule and housing	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/21 09:16
S13	777	ampoule and housing and seal	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/21 09:17
S14	375	S13 and needle	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/21 09:17
S15	305	S14 and inject\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/21 09:17
S16	1	"10570124"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/21 09:29
S17	300	"604/122".CCLS.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/21 09:40
S18	1	("4969874").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/21 09:45
S19	1	("5788677").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/21 09:47
S20	300	"604/122".OOLS.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/21 10:45
S23	1	S20 and ampoule	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/21 10:45
S24	276	(604/122).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/11/21 10:45
S27	1	("3797489").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/21 12:50
S28	1	("5788677").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/21 13:01
S29	1	("3485239").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/21 13:14
S30	2	("5709668").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/18 15:27

S31	119	("2345301"	US-PGPUB;	ADJ	ON	2009/06/18
		"2634726"	USPAT; USOCR		***	15:30
	1	"2701566"				
	ļ	"2817372"				
		"2832339"				
		"2876770"			•	
		"2989053"				
		"3066670"				
		"3119391"				
		"3136313"				
		"3181336"				
		"3182660"			į	
		"3368558"				
		"3395704"			***	
		"3702609"			***	
		"3742948"	***************************************		****	
		"3882849"			****	
		"3923059"			****	*
		"4056177"   "4108177"			****	
		"4178928"			***	
		"4316463" I			***	
		"4328802"			***	
		"4394863" I			***	
		"4411661" I			***	
		"4499148"			****	
		"4537593"	***		****	
		"4553962"			****	
		"4617016"			***	
		"4664653" I			***	
		"4689042" İ				
		"4693706"			***	
		"4710180"			***	
		"4719825"			***	
		"4723937"			***	
		"4755169"			***	
		"4767413"			•	
		"4781700"			***	***************************************
		"4790830"	***		****	
		"4808184"	***		******	
		"4813936"	****		******	
		"4834152"	****		****	
		"4834717"			****	
		"4908022"			****	
	1	"4931040"			****	
		"4936833"			*****	
		"4950246"	***		***************************************	
		"4955869"			****	
		"4968299"			***	
		"4968303"				
		"4983164"				
		"4995870"	***			
	1	"5092842"	<b>£</b>	ŧ	1	£

		"5094148"   "5098382"   "5100390"   "5102393"   "5112317"   "5112406"   "5125899"   "5221262"   "522458"   "5334287"   "5509912").PN. OR ("5709668").URPN.				
S32	110	US-1717347-\$.DID. OR US-3742948-\$. DID. OR US- 4824660-\$.DID. OR US-5042977-\$.DID. OR US-5709668-\$. DID. OR DE- 11161922-\$.DID. OR EP-0518416-\$. DID. OR EP- 12161992-\$.DID. OR EP-12161992D- \$.DID. OR WO- 0107104-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 15:34
S33	1	WO "0107104" A1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 15:38
S34	2	("6743203").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/18 15:39
<b>S3</b> 5	3	("5658259"   "5695472"   "5709668").PN. OR ("6743203").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/18 15:39
S36	34	(604/139).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/18 16:25
S37	4	(("4624660") or ("5709668")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/18 16:28

S38	3732	((604/139) or (604/110) or (604/192) or (604/157) or (604/156) or (604/155) or (604/136)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/21 21:30
S40	176	(604/136).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/21 22:12
S41	34	(604/139).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/21 22:12

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